Preliminary teaching programme for academic year 2024-25

Code	Course unit name	Scope (cr)	Period	Languages	Mode of teaching / Method of completion	Open university studies	Open to exchange students	Open to other degree programmes
CSM12101	Design and Analysis of Algorithms	5 cr	1. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM13109	Networking Technologies	5 cr	1. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM13202	Cryptography in Networking	5 cr	1. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM14101	Software Architectures	5 cr	1. period	English	including both contact and distance teaching	Teaching is only for degree students.	yes	yes
CSM11006	Computer Science Project	5 cr	1.-2. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM12129	Seminar on Theoretical Computer Science	5 cr	1.-2. period	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
CSM13184	Seminar on Edge Intelligence	5 cr	1.-2. period	English	including both contact and distance teaching	Teaching is only for degree students.	yes	yes
CSM13405	Project in Human Computer Interaction	5 cr	1.-2. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM14107	Seminar in Empirical Software Engineering	5 cr	1.-2. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM14303	Seminar on Big Data Management	5 cr	1.-2. period	English	distance teaching (time-bound)	Teaching is only for degree students.	yes	yes
CSM11002	Computer Science Colloquium	5 cr	1.-4. period	English	contact teaching	Teaching is only for degree students.	no	no
CSM12102	String Processing Algorithms	5 cr	2. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM12107	Combinatorial Optimisation	5 cr	2. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM13001	Distributed Systems	5 cr	2. period	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
CSM131051	Introduction to the Internet of Things - MOOC	4 cr	2. period	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM131052	Introduction to the Internet of Things - MOOC EXAM	1 cr	2. period	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM13401	Human Computer Interaction	5 cr	2. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM14102	Methods for Software Engineering Research	5 cr	2. period	English	contact teaching	Teaching is only for degree students.	no	no
CSM12106	Approximation Algorithms	5 cr	3. period	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
CSM14103	Software Architecture Project	5 cr	3. period	English	including both contact and distance teaching	Teaching is only for degree students.	yes	yes
CSM14120	Software Evolution and Reliablity	5 cr	3. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM14204	Compilers	5 cr	3. period	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
CSM12127	Seminar on Data Management for Machine Learning	5 cr	3.-4. period	English	including both contact and distance teaching	The teaching is both for degree students and open university students.	yes	yes
CSM12130	Seminar on Algorithm Engineering	5 cr	3.-4. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM13183	Seminar on Internet of Things	5 cr	3.-4. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM13282	Seminar: Advanced Topics in Networking and Security	5 cr	3.-4. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM14121	Seminar in Software Quality	5 cr	3.-4. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM13107	Data Science for the Internet of Things	5 cr	4. period	English	contact teaching	Teaching is only for degree students.	yes	yes
CSM14201	Software Testing	5 cr	4. period	English	including both contact and distance teaching	Teaching is only for degree students.	yes	yes
CSM14302	Transaction Management and Query Optimisation	5 cr	4. period	English	distance teaching (time-bound)	Teaching is only for degree students.	yes	yes
CSM132041	Cyber Security Base: Advanced Topics	3 cr	open all year round	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	no	no
CSM132042	Cyber Security Base: Course Project II	1 cr	open all year round	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	no	no
CSM132043	Cyber Security Base: Capture The Flag	1 cr	open all year round	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	no	no
CSM141081	Full Stack Web Development	5 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141082	Full Stack Web Development, extension 1	1 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141083	Full Stack Web Development, extension 2	1 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141084	Full Stack Web Development: Containers	1 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141091	Full Stack Web Development Project	5 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141092	Full Stack Web Development Project	7 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141093	Full Stack Web Development Project	10 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14110	Full Stack Web Development: TypeScript	1 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14111	Full Stack Web Development: React Native	2 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14112	Full Stack Web Development: Continuous Integration	1 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14113	Full Stack Web Development: GraphQL	1 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14114	Full Stack Web Development: Relational Databases	1 cr	open all year round	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14212	Programming Parallel Computers	5 cr	open all year round	English	online teaching (not time-bound)	Teaching is only for degree students.	yes	yes